

N<sup>o</sup> 13,653



A.D. 1911

Date of Application, 8th June, 1911

Complete Specification Left, 4th July, 1911—Accepted, 1st Feb., 1912

### PROVISIONAL SPECIFICATION.

#### Improvements in Tree Guards.

I, WILLIAM EDWARD PRITCHARD, of "Branksome," Highland Road, Dudley, in the County of Worcester, Engineer, do hereby declare the nature of this invention to be as follows:—

This invention relates to improvements in the construction of tree guards, and the object of the said invention is to render them more efficient than at present in use.

Hitherto it has been customary to manufacture iron or steel tree guards for the protection of trees or shrubs, and as the ordinary guards are more or less ineffective against cattle, horses, etc., who push the guards over and cause considerable damage to the trees and shrubs, and the so-called barb wire tree guards are rendered inefficient owing to the points of the barbs rapidly corroding, thus rendering them after a short period perfectly useless.

My invention consists in forming a curved, pointed tongue by pressing out of suitable metal in the flat bars and rings which may be either vertical or horizontal, and as these curved projections are on the face or outside of the bars and placed in various positions, it is at once apparent that they form an impregnable barrier against all kinds of stock, thus rendering the trees or shrubs safe against the attacks made upon them from time to time, whilst the guards themselves remain intact and do not present the unsightly appearance which is often apparent, both in public roads and on landed estates. This invention is applicable either to vertical, horizontal, or any other shape of guard.

Dated this 7th day of June, 1911.

FRANK BIDDLE,  
60, Newhall Street, Birmingham,  
Agent for Applicant.

### COMPLETE SPECIFICATION:

#### Improvements in Tree Guards.

I, WILLIAM EDWARD PRITCHARD, of "Branksome," Highland Road, Dudley, in the County of Worcester, Engineer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to improvements in the construction of tree guards, and the object of the said invention is to render them more efficient than at present in use.

In the accompanying sheets of drawings Fig. 1 is an elevation of a tree guard according to my invention, Fig. 2 shows one of the vertical members or bars separately, and Fig. 3 is a longitudinal section of Fig. 2. Fig. 4 is a modification, showing the curved pointed barbs or tongues stamped or pressed

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*Pritchard's Improvements in Tree Guards,*

out alternately in upward and downward direction, Fig. 5 is a separate view of part of one of the vertical members of Fig. 4.

In Figs. 1 to 3 the vertical members or bars  $a^2$  going to make up the tree guard  $a$ , and also the supporting horizontal rings  $a^3$ , have stamped out of them, when in the flat, and so as to outwardly protrude, curved pointed barbs or tongues  $c$ . These barbs or tongues are stamped out of the middles of the bars, and may be suitably tempered.

In Figs. 4 and 5 the barbs or tongues  $c$  are stamped out of the vertical members  $a^2$  and supporting rings  $a^3$  of the tree guard  $a$  in alternate directions, so as to present upward and downward pointed barbs or tongues, and thus provide a double protection against animals rubbing themselves up and down against the guard.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I wish to state that I am aware that it has been proposed to use strips of sheet iron with jagged edges or barbs formed out of their sides in making up the vertical bars of treeguards, but I declare that what I claim is:—

In tree guards, the combination with vertical and horizontal members  $a^2$ ,  $a^3$ , of protruding, pointed, barbs or tongues  $c$ , pierced or stamped out of the middles of same, for protective purposes, substantially as described and set forth in Figs. 1 to 5 of the drawings.

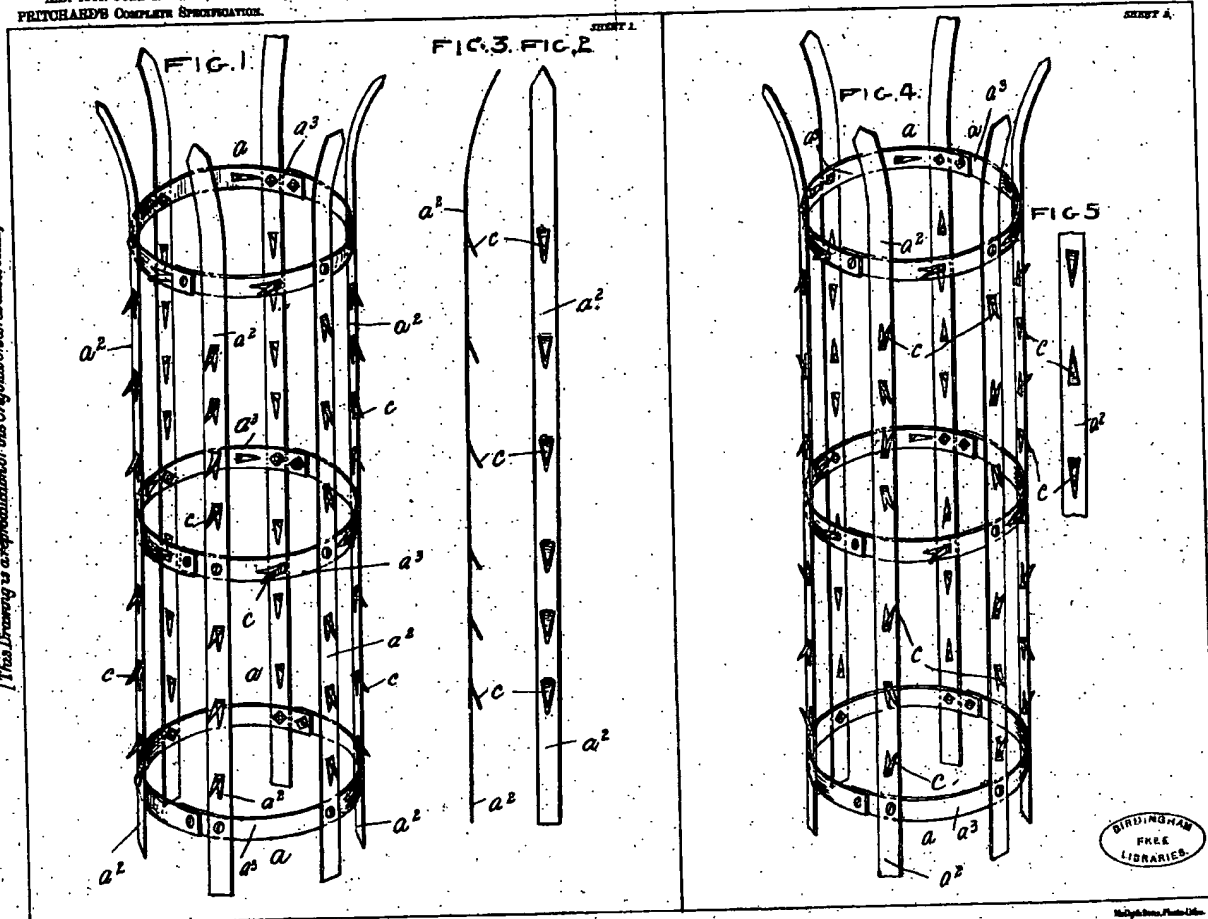
Dated this 3rd day of July, 1911.

FRANK BIDDLE,  
60, Newhall Street, Birmingham,  
Agent for Applicant.

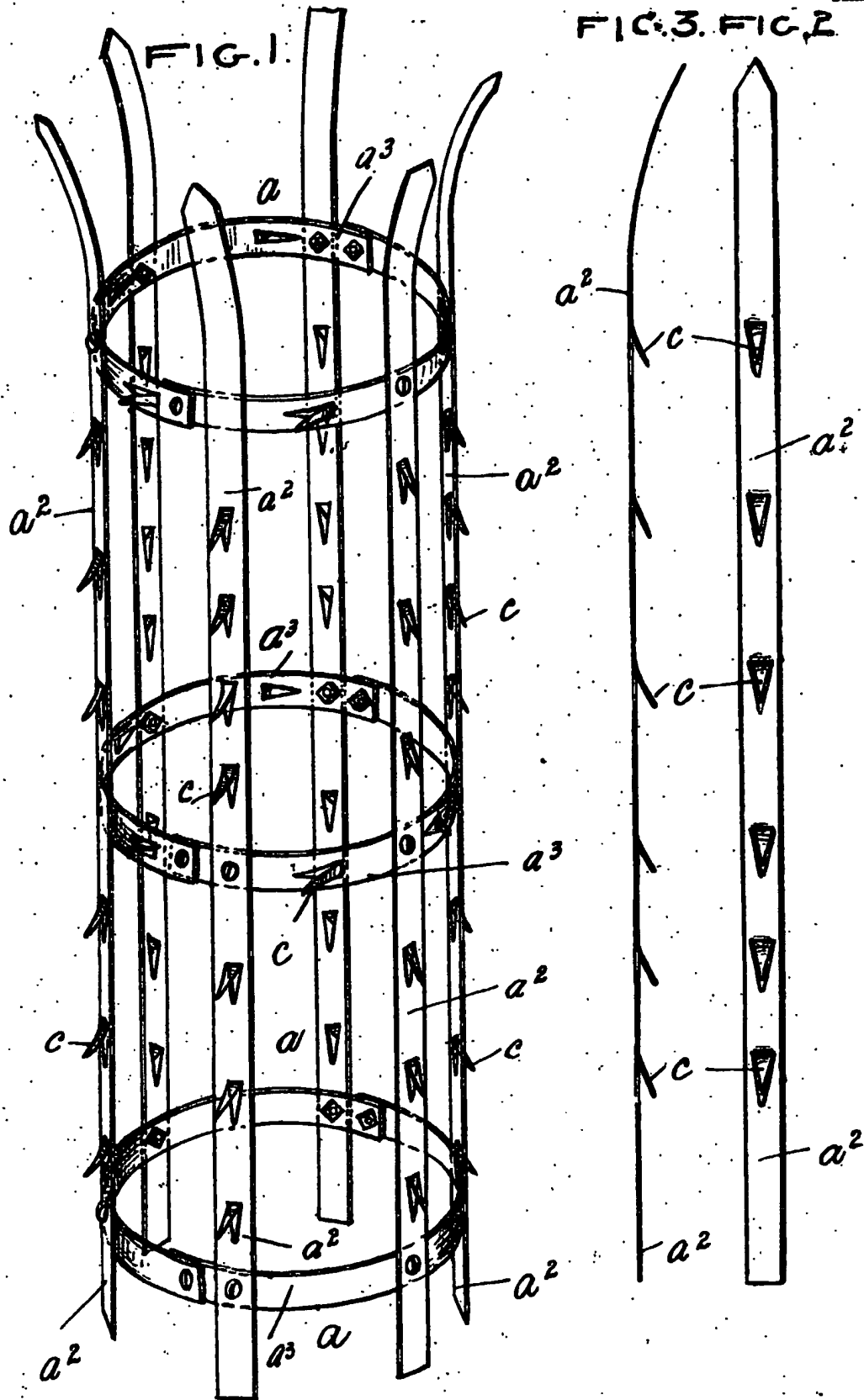
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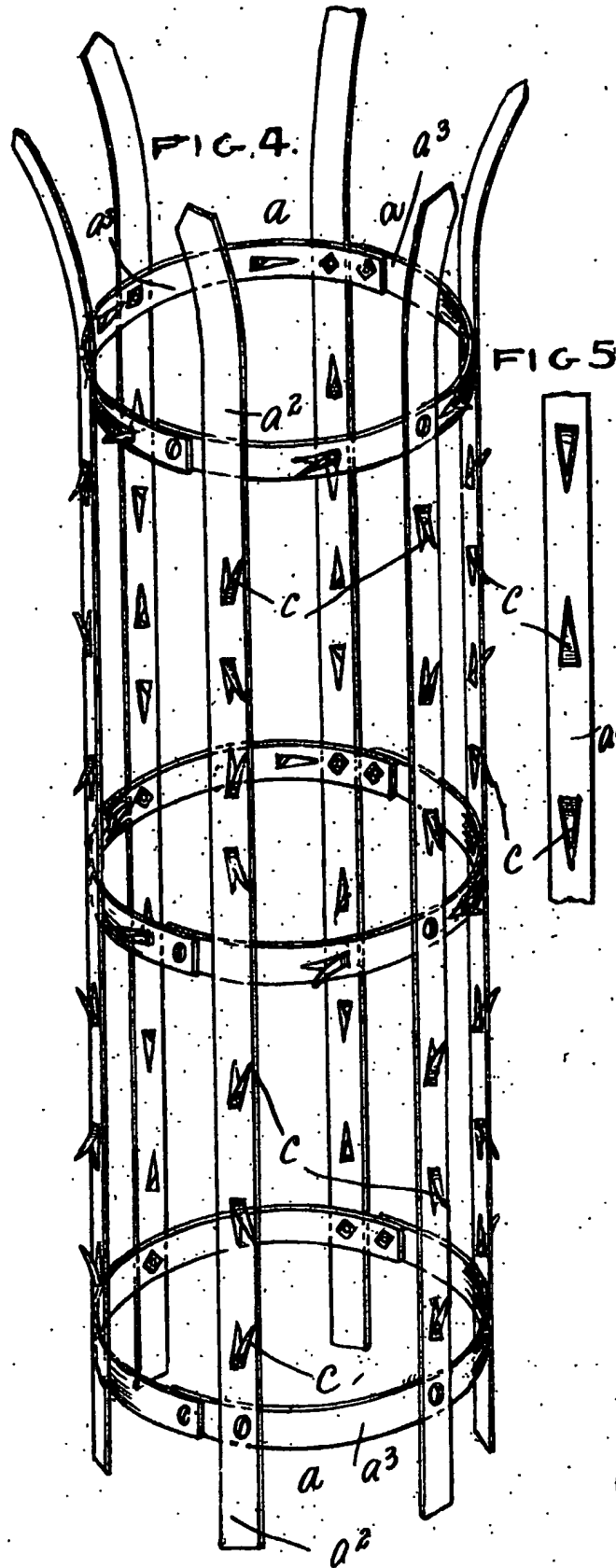
Reference has been directed in pursuance of Section 7, Sub-section 4, of the Patents and Designs Act, 1907, to Specification No. 12,179 of 1884.

[This Drawing is a reproduction of the Original in reduced scale.]



[This Drawing is a reproduction of the Original on a reduced scale.]





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